

PATENT

REMARKS

Claims 1-29 are pending in the present application. In the above amendments, claims 1, 3, 16, 18, 21, 24, 27, 28, and 29 have been amended.

Applicants respectfully respond to this Office Action.

Claim Rejections – 35 USC § 102

Claims 1, 2, and 16 are rejected under 35 U.S.C. 102(e) as being anticipated by Komuro (US Patent No. 6,819,663).

All of Applicants' claims are patentable over Komuro. Komuro neither teaches nor recites all features of Applicants' claims. Komuro teaches that the receiving side "monitor the transmission rate" for "any abnormality in the transmission rate." Applicants' claims feature the loss of a bearer connection. As explained in Applicants' specification as originally filed, the loss of bearer connection comprises the removal of a Point-to-Point Protocol session by a packet data service node. For example, please see paragraph [1024].

Because all features of Applicants' claims are not taught by Komuro, Applicants' claims are novel and patentable over Komuro. In order to expedite prosecution, Applicants amend claims 1 and 16 to highlight the above distinctions.

Claims 18, 19, 21, 22, 28, and 29 are rejected under 35 U.S.C. 102(e) as being anticipated by Zhang et al. (US Patent No. 6,792,457,663).

All of Applicants' claims are patentable over Zhang. Zhang neither teaches nor recites all features of Applicants' claims. Zhang teaches a user disconnect – "user desires to disconnect from an open PPP connection... ." Please see Zhang, column 6, lines 20 to 34. Applicants' claims feature the loss of a bearer connection which is distinct from a user disconnect. As explained in Applicants' specification as originally filed, the loss of bearer connection comprises the removal of a Point-to-Point Protocol session by a packet data service node. For example, please see paragraph [1024].

Because all features of Applicants' claims are not taught by Zhang, Applicants' claims are novel and patentable over Zhang. In order to expedite prosecution, Applicants amend claims 18, 21, 28, and 29 to highlight the above distinctions with Zhang.

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Claims 24, 25 and 27 are rejected under 35 U.S.C. 102(e) as being anticipated by Skog et al. (US Pub. No. 2001/0028636).

All of Applicants' claims are patentable over Skog. Skog neither teaches nor recites all features of Applicants' claims. Skog teaches a user disconnect – "a mobile terminal with an established PPP connection to the access server terminates the PPP connection with the access server..." Please see Skog, paragraph [0027]. Applicants' claims feature the loss of a bearer connection which is distinct from a user disconnect. As explained in Applicants' specification as originally filed, the loss of bearer connection comprises the removal of a Point-to-Point Protocol session by a packet data service node. For example, please see paragraph [1024].

Because all features of Applicants' claims are not taught by Skog, Applicants' claims are novel and patentable over Skog. In order to expedite prosecution, Applicants amend claims 24 and 27 to highlight the above distinctions with Skog.

Claim Rejections – 35 USC § 103

Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Komuro in view of Govindarajan et al. (US Pub. No. 2003/0028806).

In light of the above discussions regarding Komuro, all of Applicants' claims are patentable over Komuro and Govindarajan.

Claim 20 is rejected under 35 U.S.C. 103(a) as being unpatentable over Zhang et al. (US Patent No. 6,792,457) in view of Amin et al. (US Patent No. 6,854,014).

In light of the above discussions regarding Zhang, all of Applicants' claims are patentable over Zhang and Amin.

Claim 23 is rejected under 35 U.S.C. 103(a) as being unpatentable over Skog et al. (US Pub. No. 2001/0028636) in view of Amin et al. (US Patent No. 6,854,014).

In light of the above discussions regarding Skog, all of Applicants' claims are patentable over Skog and Amin.

Claim 26 is rejected under 35 U.S.C. 103(a) as being unpatentable over Skog et al. (US Pub. No. 2001/0028636) in view of Govindarajan et al. (US Pub. No. 2003/0028806).

In light of the above discussions regarding Skog, all of Applicants' claims are patentable over Skog and Govindarajan.

PATENT**CONCLUSION**

In light of the amendments contained herein, Applicants submit that the application is in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

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